

## BCA and BCA (Hons.) – Highlights

### Comparison of Under Graduate Computer Applications Programmes

Highlight/ Parameter	BCA	BCA (Hons.)	Perceived Benefit (Hons.)
<b>Eligibility and Admission Criteria</b>	Eligibility: <b>50%</b> aggregate marks in 10+2 (with English) or equivalent.	Eligibility: <b>60%</b> marks in 12th + LPUNEST (with higher cut off).	Being among the high achievers, you will be able to take advantage of the peer-to-peer learning.
<b>Specialization Areas and No. of courses</b>	<p>Specialization Areas: <b>4</b></p> <ul style="list-style-type: none"> <li>● Data Science</li> <li>● Mobile Applications Development</li> <li>● Network and Security</li> <li>● Web Development</li> <li>● Gaming</li> </ul> <p>4 courses in each Specialization Areas.</p>	<p><b>6-8</b> courses in the opted specialization. One specialization area (offered in tie-up with Industry/ EdTech. partners) to be opted from</p> <ul style="list-style-type: none"> <li>- Cyber Security</li> <li>- Visual Design and User Experience</li> </ul>	<ul style="list-style-type: none"> <li>● More input in term of no. of courses to provide breadth and depth in the chosen area.</li> <li>● Early start of specialization courses to give focused inputs</li> <li>● Specializations offered in tie-up with Industry only providing direct input from the experts who are working on the industry solutions.</li> </ul>
<p><b>Innovative Courses</b></p> <ul style="list-style-type: none"> <li>- As per Industry requirements</li> <li>- Technology/ Software oriented courses</li> </ul>	Every specialization consists of courses that are innovative and are as per Industry requirements.	<p>Enterprising courses as per industry requirements delivered by Professionals/Experts:</p> <ul style="list-style-type: none"> <li>● CompTIA Network+</li> <li>● CompTIA Cloud +</li> <li>● Digital Forensics</li> <li>● CompTIA Security+</li> <li>● UX Design &amp; Digitalization</li> <li>● User Research &amp; its Application</li> <li>● Information Architecture, Wire Framing and Prototyping</li> <li>● Visual Design Advanced</li> </ul>	More industry aligned innovative courses to equip students with updated inputs.
<b>Seed Money</b>	Students participate in competitions organized by university related to Entrepreneurship, startups and idea generation on voluntary basis.	<b>A. Seed money to design &amp; develop Software/ Mobile App</b> (Rs. 8,000 per student): Student may be required to design a commercially viable software/mobile app which shall be evaluated based on creativity, innovation and applicability.	

		<p><b>B. Seed Grant for Start-Up/Entrepreneurial Venture Fund:</b> Students/ group may have an opportunity to get funding up to Rs. 2 Lakhs for an idea selected by an industry expert to incubate and let grow their start-up ideas. The performance of the Start-up will be evaluated periodically.</p> <p><b>C. Innovation/ Research Grant:</b> Rs. 10000/- (Maximum) may be provided to students/group for approved proposals related to:</p> <ul style="list-style-type: none"> <li>a. Research projects</li> <li>b. Patents/IPR</li> <li>c. Publication</li> <li>d. Copyrights</li> </ul>	
<b>Courses by Industry experts (Blended Mode)</b>	Lectures by Industry experts at regular intervals.	<b>Around 25% courses</b> to be taught in online/ blended mode by Industry experts/ Foreign faculty.	Teaching by Industry experts will bring varied experiences, deliberations on real life industry problems and global perspective in teaching.
<b>Competitions/ Bootcamps/ Datathons/ Hackathons/ Codefests</b>	Students get ample opportunities to participate in these competition on voluntary basis.	<p>Bootcamps/ Hackathons Coding intense training/ hands-on sessions to instil problem solving aptitude.</p> <p>Students may participate in various Institutional, National and International competitions to earn curriculum credits/ grades.</p>	<p>Every student will get opportunity to participate in Boot camps/ Datathons/ Hackathons/ Code fests.</p> <p>Will enhance analytical and competitive Skills of the students along with earning Credits.</p>
<b>International exchange</b>	Semester Abroad.	Semester Abroad.	
<b>INDUSTRY- Live Projects</b>		Live Projects (Evaluated and Graded)	More guided projects to give hand-on

		<p>On-campus or Off-campus projects like:</p> <ul style="list-style-type: none"> <li>- Community project</li> <li>- Capstone project (s).</li> </ul>	<p>exposure to the students on Industry problems.</p>
<b>INDUSTRY - Mentors</b>	<p>Academic mentors are appointed for each student. Interaction with Alumni and Industry experts are conducted to make them aware about upcoming trends in the industry.</p>	<p>University may provide an Industry mentor for technical handholding, industry orientation and career guidance.</p>	<p>The program offers students an opportunity to learn about the way Industry operates under the guidance of professionals.</p>
<b>INDUSTRY - Attachment/ Internship</b>	<ul style="list-style-type: none"> <li>• On-the-Job Training (OJT) opportunities for students placed in 5<sup>th</sup> or 6<sup>th</sup> term</li> <li>• Summer Training – 4 to 6 weeks after 2<sup>nd</sup> Year</li> </ul>	<p>Internship/ attachment opportunities:</p> <ul style="list-style-type: none"> <li>• Multiple Internship/ On-the-Job Training</li> </ul> <p>(OJT) opportunities are included in the curriculum:</p> <ul style="list-style-type: none"> <li>- Short term – 4 to 6 weeks after 1<sup>st</sup> Year</li> <li>- Long term – 4 to 6 months in 5<sup>th</sup> or/ and 6<sup>th</sup> term</li> </ul>	
<b>Induction Programme</b>	<p>Engaging and immersive 3-days induction program having Orientation sessions to the different central divisions like academic affairs, Examination, Student welfare, Student Career services etc.</p> <p>Experiential Learning Activities: Alumni Talks, Career Guidance Sessions, Team Building Activities, Pre Team on Conceptual Clarity, Road Map Ahead.</p>	<p>Engaging and immersive one-week induction program having:</p> <p>Experiential Learning Activities: Experts Talks, Career Guidance Sessions, Team Building Activities, Pre Team on Conceptual Clarity, Road Map Ahead.</p>	<p>Elaborate induction programme to enable students.</p>